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GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: June 18, 2003, 00:02:36 ; Search time 79 Seconds
(without alignments)
4048.910 Million cell updates/sec

Title: US-09-807-933B-13

Perfect score: 1043

Sequence: 1 ggatcctgggacaagatgaa.....cgcaagtaaacgagatcc 1043

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 441362 seqs, 153338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents NA.*

1: /cgn2_6/ptodata/1/ina/5A COMB.seq.*

2: /cgn2_6/ptodata/1/ina/5B COMB.seq.*

3: /cgn2_6/ptodata/1/ina/6A COMB.seq.*

4: /cgn2_6/ptodata/1/ina/6B COMB.seq.*

5: /cgn2_6/ptodata/1/ina/PCTUS COMB.seq.*

6: /cgn2_6/ptodata/1/ina/backfileseq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	286.4	27.5	807	4	US-09-230-665-5
2	286.4	27.5	1060	1	US-08-090-013-1
3	286.4	27.5	1060	1	US-08-081-328-1
4	286.4	27.5	1060	1	US-08-232-249-1
5	286.4	27.5	1060	2	US-08-921-426-7
6	286.4	27.5	1060	2	US-08-833-642A-1
7	286.4	27.5	1060	2	US-08-140-008A-3
8	286.4	27.5	1060	2	US-08-389-423-1
9	286.4	27.5	1060	3	US-08-816-915-7
10	286.4	27.5	1060	4	US-09-189-060B-55
11	286.4	27.5	1060	4	US-09-230-665-1
12	286.4	27.5	1060	4	US-09-189-028-1
13	286.4	27.5	1060	5	PCT-US95-07743-7
14	274.8	26.3	927	3	US-08-651-136C-5
15	274.8	26.3	927	4	US-09-229-911A-5
16	273.4	26.2	894	3	US-08-651-136C-3
17	273.4	26.2	894	4	US-09-229-911A-3
18	273.4	26.2	960	3	US-08-651-136C-1
19	273.4	26.2	960	4	US-09-229-911A-1
20	271.8	26.1	922	4	US-09-189-060B-65
21	268.2	25.7	922	4	US-09-189-060B-73
22	260.2	24.9	1174	4	US-08-872-437-1
23	260.2	24.9	1174	3	US-08-651-136C-11
24	260.2	24.9	1174	4	US-09-229-911A-11
25	257.4	24.7	919	4	US-09-189-060B-67
26	246.2	23.6	1132	3	US-08-651-136C-21
27	246.2	23.6	1132	4	US-09-229-911A-21

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28 240.2 23.0 913 3 US-08-651-136C-13 Sequence 13, Appl
29 240.2 23.0 913 4 US-09-229-911A-13 Sequence 13, Appl
30 237.8 22.8 885 3 US-08-651-136C-23 Sequence 23, Appl
31 237.8 22.8 885 4 US-09-229-911A-23 Sequence 23, Appl
32 235.4 22.6 1473 1 US-08-090-013-3 Sequence 3, Appl
33 235.4 22.6 1473 1 US-08-081-328-3 Sequence 3, Appl
34 235.4 22.6 1473 2 US-08-232-249-3 Sequence 3, Appl
35 235.4 22.6 1473 2 US-08-833-642A-3 Sequence 3, Appl
36 235.4 22.6 1473 2 US-08-389-423-3 Sequence 3, Appl
37 235.4 22.6 1473 4 US-09-230-665-3 Sequence 3, Appl
38 235.4 22.6 1473 4 US-09-189-028-3 Sequence 3, Appl
39 233 22.3 924 4 US-09-189-060B-69 Sequence 69, Appl
40 231.8 22.2 1423 3 US-08-651-136C-9 Sequence 9, Appl
41 231.8 22.2 1423 4 US-09-229-911A-9 Sequence 9, Appl
42 228.4 21.9 984 4 US-09-230-665-7 Sequence 7, Appl
43 225.2 21.6 1257 3 US-09-230-222-2 Sequence 2, Appl
44 223.6 21.4 927 4 US-09-254-733-4 Sequence 4, Appl
45 223.4 21.4 1257 4 US-09-230-225B-5 Sequence 5, Appl

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ALIGNMENTS

RESULT 1

US-09-230-665-5

; Sequence 5, Application US/09230665

; Patent No. 6322595

; GENERAL INFORMATION:

; APPLICANT: Boyer, Stanton L

; TITLE OF INVENTION: Detergent Composition Comprising Two Cellulase

; FILE REFERENCE: Components, with and without a Cellulose-Binding Domain

; Patent No. 6322595

; CURRENT APPLICATION NUMBER: US/09/230,665

; CURRENT FILING DATE: 1999-01-29

; EARLIER FILING DATE: 1996-07-30

; NUMBER OF SEQ ID NOS: 8

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 5

; TYPE: DNA

; LENGTH: 807

; ORGANISM: Unknown Organism

; FEATURE:

; OTHER INFORMATION: Description of Unknown Organism:Organism encoding

; OTHER INFORMATION: an endoglucanase enzyme

; FEATURE:

; NAME/KEY: CDS

; LOCATION: (10)..(711)

; FEATURE:

; NAME/KEY: mat peptide

; LOCATION: (73)..(711)

; FEATURE:

; NAME/KEY: sig peptide

; LOCATION: (10)..(72)

; US-09-230-665-5

Query Match 27.5%; Score 286.4; DB 4; Length 807;

Best Local Similarity 70.7%; Pred. No. 1.7e-48;

Matches 461; Conservative 0; Mismatches 166; Indels 25; Gaps 5;

QY 381 CAGCGCTGTTCAGCGGTGGCGCTAGCGGC-AACGGCGTCACTACCGCTACTGGGACTGCT 439

DB 47 CCGCCCTGCGGTGTGGCCCTTGCGCTGATGGCAGGTCCACCGCTACTGGGACTGCT 106

QY 440 GCAAGCGCTTCGTCTCGTGGCCCGCGGCAAGCTAACGTACGTCTGCTGTCAATCTCTGCA 499

DB 107 GCAAGCGCTTCGTCTCGTGGCCCGCGGCAAGCTAACGTACGTCTGCTGTCAATCTCTGCA 166

QY 500 ACNAGACGCGCTCACCGCTCTTAGCGACTCCAAACCCAGTCGCGCTCAA---CGGCG 556

DB 167 AC---GCCAACTTCACGCGTATCACGCGACTTCACGCGCTTCGCGCGCGGCG 223

COUNTRY: USA
ZIP: 45253-8707
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/081,328
FILING DATE: 11/19/93
CLASSIFICATION: 252
ATTORNEY/AGENT INFORMATION:
NAME: ZERBY, KIM WILLIAM
REGISTRATION NUMBER: 32,323
REFERENCE/DOCKET NUMBER: CM356M
TELECOMMUNICATION INFORMATION:
TELEPHONE: 513-627-2885
TELEFAX: 513-627-0318
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1060 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
FEATURE:
NAME/KEY: CDS
LOCATION: 10..924
US-08-081-328-1

Query Match 27.5%; Score 286.4; DB 1; Length 1060;
Best Local Similarity 70.7%; Pred. No. 1.8e-48;
Matches 461; Conservative 0; Mismatches 166; Indels 25; Gaps 5;

QY 381 CAGCGCTGTCAGCGTGGCGCTAGCGGC-AACGGCTCACTACCCGCTACTGGGACTGCT 439
DB 47 CGCGCCCTGCGGCTGTTGGCGCTTGGCGCTGATGGCAGGTCACCGCTACTGGGACTGCT 106
QY 440 GCAAGGCTTCGCTGCTGCTGCGCGGCAAGCTAACTGCTGCTGCTGCTGCTGCTGCTGCT 499
DB 107 GCAGCTTCATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 166
QY 500 ACAAGGACGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 556
DB 167 AC--GCCAACTTCCAGCGTATACCGGCTTCCAGCGGCTGCTGCTGCTGCTGCTGCTGCT 223
QY 557 GCAAGCTTCATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 616
DB 224 GTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 283
QY 617 GTTTCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 676
DB 284 GTTTCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 343
QY 677 AGCTACCTTCACCTCCACCGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 736
DB 344 AGCTACCTTCACCTCCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 403
QY 737 CTGGCGGTGACCTTGGGAGCTGCAACCGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 796
DB 404 CTGGCGGTGACCTTGGGAGCA-----CCACTTCGATCTCAACATCCCGCGGCGG 454
QY 797 GGTTCGGCATCTTCAACGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 856
DB 455 GGTTCGGCATCTTTCAGCGGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 505
QY 857 CGGCTACCGGCGCATCAGCTCCGCGGAGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 916
DB 506 AGCGCTACCGGCGCATCTGCTCCCGCAACGAGTGGATCGGTTCCCGGAGCGCTCAAGC 565
QY 917 CGGCTGCAAGTGGCGCTTCACTGCTTCAAGAAACCGCGGCAACCGCTGCATGACCTACA 976
DB 566 CCGGCTGCTACTGGCGCTTTCGATGCTTCAAGAAACCGCGGCAACCGGACTTCGAGCTTCC 625

QY 977 AGGAGTCACTGCCCCCAAGGAGATCACCGCTAAAGACGGAGTCTCGCGCAA 1028
DB 626 GTCAGTTCAGTCCCGAGCGGAGCTGCTGCTGCGACCGAGTCCCGCCGCAA 677

RESULT 4
US-08-232-249-1
Sequence 1, Application US/08232249
Patent No. 5610129
GENERAL INFORMATION:
APPLICANT: MCCORQUODALE, FINLAY (NMN)
APPLICANT: BUSCH, ALFRED (NMN)
TITLE OF INVENTION: DYE TRANSFER INHIBITING COMPOSITIONS
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: THE PROCTER & GAMBLE COMPANY
STREET: 5299 SPRING GROVE AVENUE
CITY: CINCINNATI
STATE: OHIO
COUNTRY: USA
ZIP: 45217
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/232,249
FILING DATE: 05-MAY-1994
CLASSIFICATION: 510
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 91202882.6
FILING DATE: 06-NOV-91
ATTORNEY/AGENT INFORMATION:
NAME: ALLEN, GEORGE W.
REGISTRATION NUMBER: 26,143
REFERENCE/DOCKET NUMBER: CM-395
TELECOMMUNICATION INFORMATION:
TELEPHONE: 513-627-5946
TELEFAX: 513-627-8118
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1060 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
FEATURE:
NAME/KEY: CDS
LOCATION: 10..924
US-08-232-249-1

Query Match 27.5%; Score 286.4; DB 1; Length 1060;
Best Local Similarity 70.7%; Pred. No. 1.8e-48;
Matches 461; Conservative 0; Mismatches 166; Indels 25; Gaps 5;

QY 381 CAGCGCTGTCAGCGTGGCGCTAGCGGC-AACGGCTCACTACCCGCTACTGGGACTGCT 439
DB 47 CGCGCCCTGCGGCTGTTGGCGCTTGGCGCTGATGGCAGGTCACCGCTACTGGGACTGCT 106
QY 440 GCAAGGCTTCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 499
DB 107 GCAGCTTCGTTGCGGCTGGGCGCAAGAGGCTCCCGTGAACAGCTGCTGCTTTCCTGCA 166
QY 500 ACAAGGACGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 556
DB 167 AC--GCCAACTTCCAGCGTATACCGGCTTCCAGCGGCTGCTGCTGCTGCTGCTGCTGCT 223
QY 557 GCAAGCTTCATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 616
DB 224 GTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 283
QY 617 GTTTCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 676

Db 284 GTTTTGTGCTCACTTATTTGCGGAGCAATGAGGGGGCTGGTCTGGCTGCTACG 343
QY 677 AGCTACCTTCACTTCACTCAGGCTTCTGGCAAGAGATGCTGCTCAGGTCCACCAACA 736
Db 344 AGCTACCTTCACTCAGGCTTCTGGCAAGAGATGCTGCTCAGGTCCACCAACA 403
QY 737 CTGGCGGTGACCTTGGGAGCTGAGCGGTGCGGCTCCAGTCTCCAGATGCGCGGGCG 796
Db 404 CTGGCGGTGATCTTGGAGCAA-----CCACTTCGATCTCAACATCCCGGGGGCG 454
QY 797 GCGTGGGATCTTCAACGGATGCTGCTCCAGTGGGGCGCTCCCAACGAGCGGTGGGGCT 856
Db 455 GCGTGGGATCTTCAACGGATGCTGCTCCAGTGGGGCGCTCCCAACGAGCGGTGGGGCT 505
QY 857 GCGTGGGATCTTCAACGGATGCTGCTCCAGTGGGGCGCTCCCAACGAGCGGTGGGGCT 916
Db 506 AGCGTACGGCGGATCTCGTCCGCAACGAGTGGGATCGGTTCCCGAGCGCTTCAAGC 565
QY 917 CCGGCTCAAGTGGCGCTTCAACTGGTTCAAGAACCGCGGACCGGCTCCATGACCTACA 976
Db 566 CCGGCTCAAGTGGCGCTTCAACTGGTTCAAGAACCGCGGACCGGCTCCATGACCTACA 625
QY 977 AGGAGGTCACTGCGGCGGAGATCAACCGGTAAAGACCGGATGCTGCGGCAA 1028
Db 626 GTCAGGTCCAGTGGCGGAGGCTCGTCTGCGGAGTGGCGGCGGCAA 677

RESULT 5
US-08-921-426-7
; Sequence 7, Application US/08921426
; Patent No. 5837847
; GENERAL INFORMATION:
; APPLICANT: Royer, John C
; APPLICANT: Royer, Donna L
; APPLICANT: Yoder, Wendy T
; APPLICANT: Shuster, Jeffrey R
; TITLE OF INVENTION: NON-TOXIC, NON-TOXIGENIC, NON-PATHOGENIC
; TITLE OF INVENTION: FUSARIUM EXPRESSION SYSTEM
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 5837847 No. 5837847disk of No. 5837847th America, Inc.
; STREET: 405 Lexington Avenue, 64th Floor
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10174-6401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/921,426
; FILING DATE: 29-AUG-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/456,433
; FILING DATE: 01-JUN-1995
; APPLICATION NUMBER: US 08/404,678
; FILING DATE: 15-MAR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Agis Dr., Cheryl H.
; REGISTRATION NUMBER: 34,086
; REFERENCE/DOCKET NUMBER: 4216.010-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-867-0123
; TELEFAX: 212-878-9655
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1060 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

FEATURE:
; NAME/KEY: CDS
; LOCATION: 10...924
; FEATURE: mat_peptide
; NAME/KEY: 73...924
; LOCATION: 73...924
; FEATURE: sig_peptide
; NAME/KEY: 10...72
; LOCATION: 10...72
US-08-921-426-7
Query Match 27.5%; Score 286.4; DB 2; Length 1060;
Best Local Similarity 70.7%; Pred. No. 1.8e-48; Mismatches 166; Indels 25; Gaps 5;
Matches 461; Conservative 0;
QY 381 CAGCGCTGTGACGGCTGGCGCTAGCGGC-AAAGCGGTCACTACCGGCTACTCGGGACTGCT 439
Db 47 CCGCCTTGGCGGTGTGGCCCTTGGCGCTGATGCGAGGTCCACCGCTACTCGGGACTGCT 106
QY 440 GCAAGGCTTGTGCTGCTGGCGGCAAGGCTTAAAGTCAAGTCTGCTGCTCAAGTCTGCA 499
Db 107 GCAAGGCTTGTGCTGCTGGCGGCAAGGCTTCCGCTGAAACGAGCTGTCTTTTCTGCTGA 166
QY 500 ACAAGGAGCGGCTCAGCGCTCTTAGGACTCCAAAGCGGCTCCGCTGCAA---CGGCG 556
Db 167 AC---GCCAACTTCCAGCGTATACAGGACTTCAGCGCAAGTCCGGCTCGAGCGCGGCG 223
QY 557 GCAACTCTTACATGTGCAACGACCAACAGCCATGGGCTGTCAACGACAACTTGTGTACG 616
Db 224 GTGTGCGCTACTGTGCGGCGGACAGACCCCATGGGCTGTGAACGAGACTTTCGCGCTCG 283
QY 617 GTTTCGCTCGGCTGCTTACAGGCGGTGGCGAGCGCTGCTGCTGCTGCTGCTGCTGCTG 676
Db 284 GTTTCGCTCGGCTGCTTATTTGGCGGCAATGAGCGGCTGCTGCTGCTGCTGCTGCTGCT 343
QY 677 AGCTCACCTTCACTCCACGAGGCTTGTGCGCAAGAGATGCTGCTCAGGTCCACCAACA 736
Db 344 AGCTCACCTTCACTCCACGAGGCTTGTGCGCAAGAGATGCTGCTCAGGTCCACCAACA 403
QY 737 CTGGCGGTGACCTTGGCGCTGAGCGGTGCGGCTTCAAGTCTCAGATGCTCGGCGGCGG 796
Db 404 CTGGCGGTGATCTTGGCAGCAA-----CCACTTCGATCTCAACATCCCGGGGGCGG 454
QY 797 GCGTGGGATCTTCAAGGAGTCTGCTCCAGTGGGCGGCTCCCAACGAGCGGTGGGGCT 856
Db 455 GCGTGGGATCTTCAAGGAGTCTGCTCCAGTGGGCGGCTCCCAACGAGCGGTGGGGCT 505
QY 857 GCGGCTACGGCGGATCAGCTCCGCGGAGGACTGCTGCTCCCTCCCGAGCGGCTCCAGG 916
Db 506 AGCGCTACGGCGGATCAGCTCCGCGGAGGACTGCTGCTCCCGAGGCTCCCGGCTCAAGC 565
QY 917 CCGGCTGCAAGTGGCGGCTTCAAGTCTCAGGAGCGGCGGAGCGGCTTCAAGTCTGCA 976
Db 566 CCGGCTGCTACTGGCGGCTTCAAGTCTCAGGAGTCAAGAACCGGCGGAGTTCAGGCTTCC 625
QY 977 AGGAGGTCACTGCGGCGGAGATCAAGGAGTCAAGGAGTCAAGGAGTCAAGGAGTCA 1028
Db 626 GTCAGGTCCAGTGGCGGAGGCTGCTGCTCGACCGGATGCGGCGGCAA 677

RESULT 6
US-08-833-642A-1
; Sequence 1, Application US/08833642A
; Patent No. 5883066
; GENERAL INFORMATION:
; APPLICANT: Ivan M. A. J. Herbots et al.
; TITLE OF INVENTION: Liquid Detergent Compositions
; TITLE OF INVENTION: Containing Cellulase and Amine
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jackie Ann Zurcher
; ADDRESSEE: Dinsmore & Shohl LLP
; STREET: 255 E. Fifth Street

Matches 461; Conservative 0; Mismatches 166; Indels 25; Gaps 5;

QY 381 CAGCGCTGTCAGCGGTGGCGCTAGCGGC-AACGGCGTCACTACCGCGCTACTGGAGTGTCT 439

Db 47 CCGCCCTGCGCGGTGTTGGCGCTTGGCGCTGATGGAGGTCCACCGCGTACTGGAGTGTCT 106

QY 440 GCAAGGCTTCTGCTCGTGGCGCGGCAAGGCTAACGTCAGCTCGCGCTGTCAAGTCTCTGCA 499

Db 107 GCAAGGCTTCTGCTGGCGGTGGCGCAAGGCTCCCGTGAACGAGCTGCTTTCTCTGCA 166

QY 500 ACAAGGAGCGCGTCAACGCTTCTAGGAGCTTCAACGCGCGAGTCCGGCTGCAA---CGGCG 556

Db 167 AC---GCCAACTTCCAGCGTATCAGGACTTTCAGCGCTTTCAGCGCTGCGAGCGCGGCG 223

QY 557 GCACTCTCATATGTGCAAGCAACAGCGCTGCGGCTGTCAAGCAACCTTGTCTTACG 616

Db 224 GTGTGCGCTACTCGTGGCGCGCAGACACCGCTGATGGAGAGAGCTTTCGCGCTG 283

QY 617 GTTTCGCTGCGGTGCCATTAGCGGCTGGCGAGAGCGCTGTGTCTGCTGCTGCTGCTG 676

Db 284 GTTTCGCTGCGGTGCCATTAGCGGCTGGCGAGCAATGAGCGGCTGTGTCTGCGCTGCTG 343

QY 677 AGCTCACTTCACTTCAACGAGTGTCTGCTGCGGAGAGAGTGTGTCTGCTGCTGCTGCTG 736

Db 344 AGCTCACTTCACTTCAACGAGTGTCTGCTGCGGAGAGAGTGTGTCTGCTGCTGCTGCTG 403

QY 737 CTGGCGGTGACCTTGGCGAGTTCGACGCTGCGGCTGCGGCTGCGGCTGCGGCTGCGG 796

Db 404 CTGGCGGTGATCTTGGCAGCA---CCACTTCGATCTCAACATCCCGCGGCGG 454

QY 797 GCGTGGCATCTTCAAGGAGTGTCTGCTGCGGAGTGTCTGCTGCTGCTGCTGCTGCTG 856

Db 455 GCGTGGCATCTTCAAGGAGTGTCTGCTGCGGAGTGTCTGCTGCTGCTGCTGCTGCTG 505

QY 857 GCGCTAGCGGCGATCAGTCCCGCAGCGAGTGTCTGCTGCTGCTGCTGCTGCTGCTG 916

Db 506 AGCGCTACGCGGCGATCTGCTGCGGAGAGTGTGTCTGCTGCTGCTGCTGCTGCTG 565

QY 917 AGGAGGTCACTGCGGCGGAGATGATGCGGCTGCGGAGTGTCTGCTGCTGCTGCTG 1028

Db 626 GTCAGTCCAGTGGCGCGAGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 677

RESULT 8

US-08-389-423-1

; Sequence 1, Application US/08389423

; Patent No. 5948672

; GENERAL INFORMATION:

; APPLICANT: Rasmussen, Grethe

; APPLICANT: Mikkelsen, Jan Moller

; APPLICANT: Schulein, Martin

; APPLICANT: Patkar, Shankant A.

; APPLICANT: Hagen, Fred

; TITLE OF INVENTION: A Cellulase Preparation Comprising an

; TITLE OF INVENTION: Endoglucanase Enzyme

; NUMBER OF SEQUENCES: 33

; CORRESPONDENCE ADDRESS:

; ADDRESSES: No. 5948672o No. 5948672disk of No. 5948672th America, Inc.

; STREET: 405 Lexington Avenue, 64th Floor

; CITY: New York

; STATE: New York

; COUNTRY: United States of America

; ZIP: 10174-6401

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible.

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent In Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/389,423

FILING DATE: 14-FEB-1995

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Lambiris, Elias J.

REGISTRATION NUMBER: 33,728

REFERENCE/DOCKET NUMBER: 3469,214-US

TELECOMMUNICATION INFORMATION:

TELEPHONE: 212-867-0123

TELEFAX: 212-878-9655

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 1060 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

HYPOTHETICAL: NO

ORIGINAL SOURCE:

ORGANISM: Humicola insolens

STRAIN: DSM 1800

FEATURE:

NAME/KEY: mat_peptide

LOCATION: 73..924

FEATURE: NAME/KEY: sig_peptide

LOCATION: 10..72

FEATURE: NAME/KEY: CDS

LOCATION: 10..924

US-08-389-423-1

Query Match 27.5%; Score 286.4; DB 2; Length 1060;

Best Local Similarity 70.7%; Pred. No. 1.8e-48;

Matches 461; Conservative 0; Mismatches 166; Indels 25; Gaps 5;

QY 381 CAGCGCTGTGAGCGGTGGCGCTAGCGGC-AACGGCGTCACTACCGCGCTACTGGAGTGTCT 439

Db 47 CCGCCCTGCGCGGTGTTGGCGCTTGGCGCTGATGGAGGTCCACCGCGTACTGGAGTGTCT 106

QY 440 GCAAGGCTTCTGCTCGTGGCGCGGCAAGGCTAACGTCAGCTGCTGCTGCTGCTGCTGCTG 499

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QY 500 ACAAGGAGCGCGTCAACGCTTCTAGGAGCTTCAACGCGCGAGTCCGGCTGCAA---CGGCG 556

Db 167 AC---GCCAACTTCCAGCGTATCAGGACTTTCAGCGCTTTCAGCGCTGCGAGCGCGGCG 223

QY 557 GCAACTCTCATATGTGCAAGCAACAGCGCTGCGGCTGTCAACGAGCAACCTTGTCTTACG 616

Db 224 GTGTGCGCTACTCGTGGCGCGCAGACACCGCTGATGGAGAGAGCTTTCGCGCTG 283

QY 617 GTTTCGCTGCGGTGCCATTAGCGGCGGTGGCGAGAGCGCTGTGTCTGCTGCTGCTGCTG 676

Db 284 GTTTCGCTGCGGTGCCATTAGCGGCGGTGGCGAGCAATGAGCGGCTGTGTCTGCGCTGCTG 343

QY 677 AGCTCACTTCACTTCAACGAGTGTCTGCTGCGGAGAGAGTGTGTCTGCTGCTGCTGCTG 736

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QY 737 CTGGCGGTGACCTTGGCGAGTTCGACGCTGCGGCTGCGGCTGCGGCTGCGGCTGCGG 796

Db 404 CTGGCGGTGATCTTGGCAGCA---CCACTTCGATCTCAACATCCCGCGGCGG 454

QY 797 GCGTGGCATCTTCAAGGAGTGTCTGCTGCGGAGTGTCTGCTGCTGCTGCTGCTGCTG 856

Db 455 GCGTGGCATCTTCAAGGAGTGTCTGCTGCGGAGTGTCTGCTGCTGCTGCTGCTGCTG 505

QY 857 GCGCTAGCGGCGATCAGTCCCGCAGCGAGTGTCTGCTGCTGCTGCTGCTGCTGCTG 916

Db 506 AGCGCTACGCGGCGATCTGCTGCGGAGAGTGTGTCTGCTGCTGCTGCTGCTGCTG 565

QY 917 CCGGCTGCAAGTGGCGGTTCACATGGTGTCAAGAGCGCGAGCAACCGCTCCATGACCTTACA 976

Db 566 CCGGCTGCTACTGGCGTTCGAGTGGTTCAAGAACGCCGCAATCCGAGCTTCAGCTTCC 625
QY 977 AGGAGGTCACTGCCCAAGGAGATCACCGCTAAGACCGGATGCTCGCGCAA 1028
Db 626 GTCAGGTCCAGTGCCACGCCGAGCTCGTCTCGACCGGATGCCGCCGAA 677

RESULT 9

US-08-816-915-7
; Sequence 7, Application US/08816915
; Patent No. 6060305
; GENERAL INFORMATION:
; APPLICANT: Royer, John C
; APPLICANT: Moyer, Donna L
; APPLICANT: Yoder, Wendy T
; APPLICANT: Shuster, Jeffrey R
; TITLE OF INVENTION: NON-TOXIC, NON-TOXIGENIC, NON-PATHOGENIC
; TITLE OF INVENTION: FUSARIUM EXPRESSION SYSTEM
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 6060305 of No. 6060305disk of No. 6060305th America, Inc.
; STREET: 405 Lexington Avenue, 64th Floor
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10174-6401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/816,915
; FILING DATE: 13-MAR-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Agis Dr., Cheryl H.
; REGISTRATION NUMBER: 34,086
; REFERENCE/DOCKET NUMBER: 4216.240-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-867-0123
; TELEFAX: 212-878-9655
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1060 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 10..924
; FEATURE:
; NAME/KEY: mat_peptide
; LOCATION: 73..924
; FEATURE:
; NAME/KEY: sig_peptide
; LOCATION: 10..72
US-08-816-915-7

Query Match 27.5%; Score 286.4; DB 3; Length 1060;
Best Local Similarity 70.7%; Pred. No. 1.8e-48;
Matches 461; Conservative 0; Mismatches 166; Indels 25; Gaps 5;
QY 381 CAGCGCTGTGCGGTGGCGCTAGCGGC-NACCGGCTCACTACCGGCTACTGGGACTGCT 439
Db 47 CCGCCCTGCGGTGTGGCCCTTGGCCGCTGATGGCAGGTCCACCGGCTACTGGGACTGCT 106
QY 440 GCAAGGCTTCGTGCTCGTGGCCCGGCAAGGCTAAGCTCAGCTCGCCCTGTCAAGTCTCTGCA 499
Db 107 GCAAGGCTTCGTGCGGTGGGCCAAGAGGCTCCCGTGAACACGACCTGTCTTTTCTGCA 166
QY 500 ACAAGGACGGCGTCACCGCTCTTAGCGACTCCAAACGCCAGTCCGGGTGCAA---CGGCG 556

Db 167 AC---GCCAACTTCCAGCGTATCACGGAATTTCAGCCCAAGTCCGCTCGAGCCGGCG 223
QY 557 GCAACTCTTACATGTGCAAGCAACACGCAATGGGCTGTCAACGACCAACCTTGTCTTACG 616
Db 224 GTGTCCCTTACTGTGTCGGCGGACAGACCCCATGGGCTGTGAACAGACGACTTCGCGCTCG 283
QY 617 GTTTCGCTGCGGCTGCCATTAGCGGCGGTGGCGAGAGCGGCTGGTGTGCTCTCTGCTTCG 676
Db 284 GTTTCGCTGCCACCTCTATTGCGGCGAGCAATGAGGCGGGCTGGTGTGCTGCTGCTACG 343
QY 677 AGCTCACTTCACTTCCACAGCGTTGCTGGCAAGAGATGTGCTCGAGGTCAACCAACA 736
Db 344 AGCTCACTTCACTCCGCTCTGTTGCTGGCAAGAGATGTGCTCGTCCAGTCCACCAACA 403
QY 737 CTGGCGGTGACCTTGGCAGCTCGACCGGTGCCACCTTCGATCTCCAGATGCCCGGCGGCG 796
Db 404 CTGGCGGTGATCTTGGCAGCAA-----CCACTTCGATCTCAACATCCCCGGGCGCG 454
QY 797 GCGTCCGCTCTTCAACAGGATGCTCCGTCAGTGGGCGGCTCCCAACAGCGGCTGGGCGCT 856
Db 455 GCGTCCGCTCTTCAACAGGATGCTCCGTCAGTGGGCGGCTCCCAACAGCGGCTGGGCGCT 505
QY 857 CCGGCTACGCGGCGATCAGCTCCGCGAGGATGCTGCTGCTCCCTCCCGAGCGGCTCCAGG 916
Db 506 AGCGCTACGCGGCGATCTGCTCCCGCAAGAGTGCATCGGTTCCCGCGAGCGGCTCAAGC 565
QY 917 CCGGCTGCAAGTGGCGCTTCAACTGGTTCAGAAACCGCGACACCGCTCCATGACCTACA 976
Db 566 CCGGCTGCTACTGGCGGCTTCGACTGGTTCAGAAACCGCGACAAATCCGAGCTTCAGCTTC 625
QY 977 AGGAGTCACTGCCCGCAAGGAGATCACCGCTAAGACCGGATGCTCGCGCAA 1028
Db 626 GTCAGTTCAGTGCCTCCGCGAGCTGCTCGCTCGCACCGGATGCCCGCGCAA 677

RESULT 10

US-09-189-060B-55
; Sequence 55, Application US/09189060B
; Patent No. 6270968
; GENERAL INFORMATION:
; APPLICANT: Dalboge, Henrik
; APPLICANT: Sandal, Thomas
; APPLICANT: Kauppinen, Markus
; APPLICANT: Borge, Diderichsen
; TITLE OF INVENTION: Method Of Providing No. 6270968el DNA Sequences
; FILE REFERENCE: 4772.204-US
; CURRENT APPLICATION NUMBER: US/09/189,060B
; CURRENT FILING DATE: 1998-11-10
; PRIOR APPLICATION NUMBER: PCT/DK97/00216
; PRIOR FILING DATE: 1997-05-12
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 55
; LENGTH: 1060
; TYPE: DNA
; ORGANISM: Humicola insolens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (10)...(927)
; NAME/KEY: mat_peptide
; LOCATION: (73)...(927)
; NAME/KEY: sig_peptide
; LOCATION: (10)...(72)
US-09-189-060B-55

Query Match 27.5%; Score 286.4; DB 4; Length 1060;
Best Local Similarity 70.7%; Pred. No. 1.8e-48;
Matches 461; Conservative 0; Mismatches 166; Indels 25; Gaps 5;
QY 381 CAGCGCTGTGCGGTGGCGCTAGCGGC-AACGGGCTCACTACCGGCTACTGGGACTGCT 439
Db 47 CCGCCCTGCGGTGTGGCCCTTGGCCGCTGATGGCAGGTCCACCGGCTACTGGGACTGCT 106

Qy	440	GCAAGGCTTCGTGCTCGTGGCCCGCAAGGCTAACGTACGCTCGCTGTCAAGTCTCTGCA	499
Db	107	GCAAGCTTCTGTGCGGCTGGGCCAAGAAGGCTCCCGTGAAACGAGCTGTCTTTTCTGCA	166
Qy	500	ACAAGGACGGCGTCAACCGCTCTTAGCGACTCAACGCCCGAGTCGGGCTGCAAA	556
Db	167	AC---GCCAACTTCAGCGGTATCAGCGACTTCGACGCCAAGTCCGGCTCGAGCCGGCGG	223
Qy	557	GCAACTCCTACATGTGCAACGACAACGACGACCATGGGCTGTCAACGACAACCTTGCTTACG	616
Db	224	GTGTGCGCTACTCGTGGCGCCGACACGACCCCATGGGCTGTGAACGACGACTTCGGCGCTG	283
Qy	617	GTTTTCGTGCGCTGCCATTAGCGCGGTGGCGAGCGCTGGTGCTGTCTCTCTCTCTCG	676
Db	284	GTTTTGTGCCACCTCTATTGCGCGCAGCAATGAGCGGGGTGGTGCTGCGGCTGCTAG	343
Qy	677	AGCTCACCTTCACCTCCACAGCGTTGTGCGCAAGAAGATGGTCTCCAGGTCAACACA	736
Db	344	AGCTCACCTTCACATCCGGTCTCTGTTGTGCGCAAGAAGATGGTGTCTCCAGTCCACCAGCA	403
Qy	737	CTGGCGGTGACCTTGGCAGCTCGACCGGTGCCACTTTCGATCTCAGATGCCCGCGCGGG	796
Db	404	CTGGCGGTGATCTTGGCAGCAA-----CCACTTCGATCTCAACATCCCCGCGCGGG	454
Qy	797	GCGTCCGATCTTCAACGGATGCTCGTCCGAGTGGGCGCTCCCAACGACGCGTGGGCT	856
Db	455	GCGTCCGATCTTCGACGGATGCACTCCCCAGTTCGGCGGTCTGCC-----GGCC	505
Qy	857	CGCGCTAGGGCGGATCAGCTCCGCGACGACTGCTCGTCCCTCCCGACGCGCTCCACAG	916
Db	506	AGCGTACGGGGGATCTCGTCCCGCAAGAGTGCATCGGTTCCCGACGCGCTCAAGC	565
Qy	917	CCGGCTGCAAGTGGCGCTTCAACTGGTTCAAGAACGCCGCAACCCGCTCCATGACCTACA	976
Db	566	CCGGCTGCTACTGGCGCTTCGACTGGTTCAAGAACGCCGCAATCCGAGCTTCAGCTTCC	625
Qy	977	AGGAGGTCACTGCCCCCAAGGAGATCAACGGTTAAGACCGGATGCTCGCGCAA	1028
Db	626	GTCAAGGTCCAGTGGCCAGCGAGCTCGTCCGTTCGCACCGGATGCGCGCGCAA	677

RESULT 12
US-09-189-028-1
; Sequence 1, Application US/09189028
; Patent No. 6423524
; GENERAL INFORMATION:
; APPLICANT: Rasmussen, Grethe
; APPLICANT: Mikkelsen, Jan Moller
; APPLICANT: Schulein, Martin
; APPLICANT: Patkar, Shankant A.
; APPLICANT: Hagen, Fred
; TITLE OF INVENTION: A Cellulase Preparation Comprising an
; TITLE OF INVENTION: Endoglucanase Enzyme
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NO. 64235240 No. 6423524disk of No. 6423524th America, Inc.
; STREET: 405 Lexington Avenue, 64th Floor
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10174-6401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/189,028
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA: US 08/389,423
FILING DATE: 14-FEB-1995
ATTORNEY/AGENT INFORMATION:
NAME: Lambiris, Elias J.
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 3469.214-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1060 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ORIGINAL SOURCE:
ORGANISM: Humicola insolens
STRAIN: DSM 1800
FEATURE:
NAME/KEY: mat_peptide
LOCATION: 73..924
FEATURE:
NAME/KEY: sig_peptide
LOCATION: 10..72
FEATURE:
NAME/KEY: CDS
LOCATION: 10..924
US-09-189-028-1

Query Match 27.5%; Score 286.4; DB 4; Length 1060;
Best Local Similarity 70.7%; Pred. No. 1.8e-48;
Matches 461; Conservative 0; Mismatches 166; Indels 25; Gaps 5;
QY 381 CAGCGCTGTACGGTGGCGCTAGCGGC-AACGGCTCTACTACCGCTACTGGAGTGTCT 439
DB 47 CGCGCTTGGCGGTGGCGCTTGGCGCTGATGCGAGTCCACCGCTACTGGGAGTGTCT 106
QY 440 GCAAGCTTCTGTCTGTGGCGCGGCAAGCTAAAGTCAAGTCTGCTGCTCAAGTCTGCA 499
DB 107 GCAAGCTTCTGTGGCGCTGGCGCAAGAGCTCCCGTGAACAGCTGCTTTCTCTGCA 166
QY 500 ACAAGGACGGCTCACCGCTCTTAGCGACTTCAACGCCAGTCCGGCTGCA--CGGG 556
DB 167 AC--GCCAATTCACGCTATCACGAGCTTCAGCGCAAGTCCGCTGGAGCGGGCG 223
QY 557 GCNACTCTACATGTGCAAGCAACACGACATGGCTGTCAACGCAACCTTGTCTAGCG 616
DB 224 GTGTGCTCTACTGTGTGGCGGACAGACCCATGGCTGTGAACAGAGCTTGTGGCGCTG 283
QY 617 GTTTCGCTGCGCTGATAGCGGCTGGCGAGAGCGCTGCTGCTGCTGCTGCTGCTG 676
DB 284 GTTTCGCTGCGCTGATAGCGGCTGGCGAGCAATAGCGGCTGCTGCTGCTGCTGCTG 343
QY 677 AGCTACCTTCACTCCACGAGCTTGTGGCAAGAGATGGTCTGCTGCTGCTGCTGCTGCT 736
DB 344 AGCTACCTTCACTCCGCTGCTGCTGGCAAGAGATGGTCTGCTGCTGCTGCTGCTGCT 403
QY 737 CTGGCGGTGACCTTGGCAGCTGCAACCGGTGCCACATTCGATCTTCAGATGCCCGGGCG 796
DB 404 CTGGCGGTGACCTTGGCAGCA--CCACTTCGATCTCAACATCTCCCGGGCGG 454
QY 797 GGTTCGGCATCTCAACGATGCTGCTCCAGTGGGGCGCTCCCAACGAGCGCTGGGCT 856
DB 455 GGTTCGGCATCTCAACGATGCTGCTCCAGTGGGGCTGCTGCTGCTGCTGCTGCTGCTG 505

QY 857 CCGCTACAGCGGCATCAGCTCCGCCAGCGACTGCTGCTCTCCGCCAGCGCTCCAGG 916
DB 506 AGCGCTACAGCGGCATCTCGTCCCGCAACAGAGTGGATCGGTTCCCGAGCGCTCAAGC 565
QY 917 CCGGCTGCAGTGGCGCTTCAACTGTTCAAGAACGCCGACACCGCTCATGACCTACA 976
DB 566 CCGGCTGCTACTGGCGCTTCGACTGGTTCAGAACGCCGACCAATCCGAGCTTCAGTTC 625
QY 977 AGGAGTCACTTCCGCCAGGAGATCACCGCTAAGACCGGATGCTCGCGCAA 1028
DB 626 GTCAGGTCCAGTGGCGAGCTGCTGCTCGACCGAGTGGCGCGCAA 677

RESULT 13
PCT-US95-07743-7
Sequence 7, Application PC/TUS9507743
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: NON-TOXIC, NON-TOXIGENIC, NON-PATHOGENIC
FUSARIUM EXPRESSION SYSTEM AND PROMOTERS FOR
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Novo Nordisk of North America, Inc.
STREET: 405 Lexington Avenue, 64th Floor
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10174-6401
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/07743
FILING DATE: 15-June-1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/269,449
FILING DATE: 30-June-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/404,678
FILING DATE: 15-March-1995
ATTORNEY/AGENT INFORMATION:
NAME: Agis Dr., Cheryl H.
REGISTRATION NUMBER: 34,086
REFERENCE/DOCKET NUMBER: 4216.204-WO
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 1060 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: CDS
LOCATION: 10..924
FEATURE:
NAME/KEY: mat_peptide
LOCATION: 73..924
FEATURE:
NAME/KEY: sig_peptide
LOCATION: 10..72
PCT-US95-07743-7

Query Match 27.5%; Score 286.4; DB 5; Length 1060;
Best Local Similarity 70.7%; Pred. No. 1.8e-48;
Matches 461; Conservative 0; Mismatches 166; Indels 25; Gaps 5;
QY 381 CAGCGCTGTACGGTGGCGCTAGCGGC-AACGGGCTCACTACCGCTACTGGAGTGTCT 439

GENERAL INFORMATION:

APPLICANT: Schulein, Martin
Andersen, Lene N.
Lassen, Soren F.
Kauppinen, Markus S.
Lange, Lene
Nielsen, Ruby I.
Ihara, Michiko
Takagi, Shinobu
TITLE OF INVENTION: No. 6387690el Endoglucanases
NUMBER OF SEQUENCES: 109
CORRESPONDENCE ADDRESS:
ADDRESS: No. 6387690 No. 6387690disk of No. 6387690th America, Inc.
STREET: 405 Lexington Avenue, 64th Floor
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10174-6401
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/229,911A
FILING DATE: 13-Jan-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/651,136
FILING DATE: 21-MAY-1996
ATTORNEY/AGENT INFORMATION:
NAME: Lambiris, Elias J.
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 4366.200-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 927 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 1..924
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-229-911A-5

Query Match 26.3%; Score 274.8; DB 4; Length 927;
Best Local Similarity 68.5%; Pred. No. 3.4e-46;
Matches 429; Conservative 0; Mismatches 182; Indels 15; Gaps 3;
QY 406 GGCAACGGCGTCACTACCGCTACTGGGACTGCTGCAAGGCTTCTGTCGTGGCCCGGC 465
DB 64 GGCATCGGCGCAGACGACCGGCTACTGGGACTGCTGCAAGCGAGCTGCGCTGGCCCGGC 123
QY 466 AAGGCTAAGCTCAGCTCGGCTGTCAAGTCTGCAACAGGACGGCGTCAACCGCTCTTAGC 525
DB 124 AAGGG---CCCCGCTCTCCGGTGCAGGCTGCGCAAGAAGACGACAAACCGCTCAACGAC 180
QY 526 GACTCCAAAGCCCGGCTGCGCAAC---GGCGCAACTCTTACATGTGCAACGACAC 582
DB 181 GGGGGCTCACCGGCTCGGCTGCGAGCGGGCGGCGCGCTTACATGTGCTCTCCAG 240
QY 583 CAGCCATGGGCTGTCAACGACACCTTGTCTACGGTTTCGCTGCGCGCTGCCATTAGCGGC 642
DB 241 AGCCCTGGGCGCTCAGCGACGAGCTGTCTACGGCTGGCGGCGGCTCAAGCTCGCGGC 300
QY 643 GGTGGGAGAGCGGCTGGTGTCTCTCTGCTTGGAGCTCACCTTCACTCCACGAGCTT 702
DB 301 AGCTCCGAGTCGAGTGGTGTCTGCGCTGCTACGAGCTGACCTTCAACGAGCGGCGGTC 360

QY 703 GCTGGCAAGAAGATGCTGCTCAGGTCAACAACACTGGCGGTGACCTTGGCAGCTCGACC 762
DB 361 GCGGGCAAGAAATGATGTCAGGCGCAACAACCGGTGGCGACCTGGG-----C 411
QY 763 GGTGCCCCACTTTCGATCTCCAGATGCCCGGCGGCGGTCCGGCATCTTCAACGGATGCTCG 822
DB 412 GACAACCACTTTGACCTGGCCATCCCGGTGGGGTGTGCGTATTTTCAACGCTCGACC 471
QY 823 TCCAGTGGGCGCTCCCAACGACGAGCTGGGGCTCCGCTACGGCGGCACTCAGCTCCGCC 882
DB 472 GACCACTACGGGCTCCCGCAACGAGCTGGGGCGACCGCTACGGCGGCACTCCATTCCAAG 531
QY 883 AGCGACTGCTGCTCCCTCCCGAGCGCCCTCCAGGCGGCTGCAAGTGGCGCTTCAACTGG 942
DB 532 GAAGAGTCCGAATCTTCCCGAGGCGCTCAAGCGCGGCTGCAACTGGCGCTTCGACTGG 591
QY 943 TTCAAGAAACGCGCAACAACCGTCCATGACTTCAAGGAGGTCACTGCGCCCAAGGAGATC 1002
DB 592 TTCCAAAACGCGCAACAACCGTCCGCTCACCTTCCAGGAGTGGCGCTGCGCGTCCGAGCTC 651
QY 1003 ACGGCTAAGACCGGATGCTTCGGCGAA 1028
DB 652 ACGTCCAAAGAGCGGCTGCTCCCGTAA 677

Search completed: June 18, 2003, 03:18:02
Job time : 83 secs

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